

## **Foreword**

The first International Seminar on Industrial Engineering and Management (ISIEM) 2007 took place on August 29<sup>th</sup>– 30<sup>th</sup> at Menara Peninsula Hotel, Jakarta. The conference was jointly hosted through the collaboration between Industrial Engineering Department Trisakti University, Gunadarma University and Indonusa Esa Unggul University.

This proceedings collects papers covering a wide range of activities and provides an overview of critical research issues reflecting on past achievements and future challenges in the field of industrial engineering. The topics presented have been divided into the following categories: operations research, quality engineering and management, decision support systems and artificial intelligent, production systems, industrial management and ergonomics.

We want to thank all those individuals or groups who submitted papers for review and those whose papers were chosen for presentation at the conference and those who submitted manuscripts to be published in these proceedings. We also want to give a special thanks to the reviewers for their commitment, effort and dedication in

undertaking the task of reviewing all of the abstracts that were submitted. Reviewing a large number of submission in a relatively short time frame is always challenging. Without their help and dedication, it would not be possible to produce the proceedings in such a short time frame. We highly appreciate all members of committee director, steering committee and organizing committee for mutual efforts and invaluable contributions for the success of the conference.

It is always a pleasure to host our colleagues from regional industrial engineering community to build networks and links that are essential parts for the development of industrial engineering in the future. In particular, this conference brought together researchers, academicians, practitioners and industries in the field of industrial engineering through presentation, discussion and dissemination of the research results, new acquired knowledge and technology to foster further cooperation and exchange of ideas to narrow the gap between their theoretical design and practical deployment.

**Rina Fitriana, ST. MT.  
Conference Chairwoman**